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(71) Applicant (for all designated States except US): **ATLAS
COPCO AIRPOWER, NV** [BE/BE]; Boomsesteenweg
957, B-2610 Wilrijk (BE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PETTERSSON,
Johan, Georg, Urban** [SE/BE]; Victor Van Espenlaan 4,
B-3080 Tervuren (BE).

(74) Agent: **DONNÉ, E.**; Bureau M.F.J. Bockstael nv., Aren-
bergstraat 13, B-2000 Antwerpen (BE).

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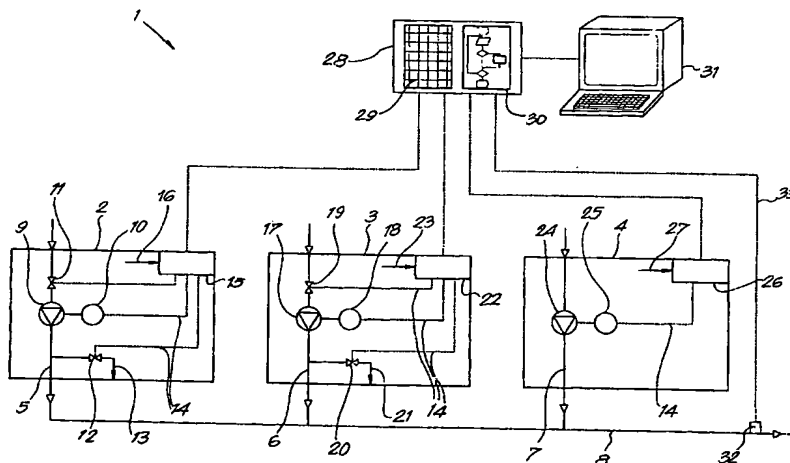
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(54) Title: METHOD FOR CONTROLLING A COMPRESSED AIR INSTALLATION COMPRISING SEVERAL COMPRES-
SORS, CONTROL BOX APPLIED THEREBY AND COMPRESSED AIR INSTALLATION APPLYING THIS METHOD



(57) Abstract: Method for adjusting a compressed air installation with several compressors, which mainly consists of two or more electrically driven compressors (2-3-4) of what is called the "loaded/unloaded" type and/or the turbo compressor (3) type and/or the compressor (4) type with variable rotational speed, whereby these compressors (2-3-4) are each connected to a single compressed air network (8) with their outlets (5-6-7), characterized in that the method makes use of a control box (28) which makes it possible to adjust the pressure (P) in the above-mentioned compressed air network (8) around a target pressure (PS) to be set, whereby the above-mentioned adjustment takes place by controlling the flow (Q) of one or several of the above-mentioned compressors (2-3-4), in particular in order to increase the overall flow supplied by the compressors (2-3-4) when the pressure drops too much, and in order to lower the overall supplied flow when the pressure becomes too high.

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